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MODIS.DATA.TEAM
oj: MODIS SDST Minutes

ODIS Science Data Support Team (SDST) Meeting Minutes 07/31/92

TENDEES: Phil Ardanuy, Lloyd Carpenter, Paul Chan, Larry Fishtahler, Al Fleig, Tom Goff, Liam Gumley, Paul Hubanks, Ji nsby, J. J. Pan, Shahin Samadi, Greg Schmidt, Lalit Wanchoo, Will Webster.

XT MEETING:	Date	Time	Building	Room
	Friday, August 21	10:00 am	22	G95

*** PLEASE NOTE NEXT MEETING DATE ***

ward Chang, Operations Manager , EOS-AM Project, plans to attend the August 21st meeting to discuss the EOS-AM1 operations concep luding science data processing.

PICS:

MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley presented a report on MAS data processing status. Progress was made c cessing the FIRE flight from November 14, 1991 including loading the data onto the ltpindigo and determining the clock offset. A lated set of visible calibration coefficients was received from Tom Arnold. The calibration depends on the MAS ambient blackbo(nperature, which requires a line-by-line adjustment. The calibration coefficients and the equation form will be included in the outp CDF file.

liscrepancy in the instrument configuration/spectral response information supplied for the FIRE experiment is being rectified. Six of t ven MAS spectral channels were not characterized by Daedalus before FIRE due to time constraints. It will be necessary to assume spectr ponse shapes for calibrating the remaining IR channels.

m will look for automation techniques to help speed up the processing of MAS data.

MODIS HIGHER-LEVEL PROCESSING SHELL DESIGN: J.J. Pan presented a status report on the higher-level processing shell desig luding part 4 of the algorithm dependency diagram. Currently there are 16 independent algorithms which can run simultaneously in t ll.

n questions which will require answers from Team Members have been identified. These will be addressed after the latest updates to the inp a descriptions are factored into the dependency conditions.

ORTRAN by B. Burow of the University of Toronto is advertized as a completely transparent, machine independent interface between C a tran main programs, subroutines, functions, and global data. This software is being evaluated for possible application in the higher-lev cessing shell to facilitate interfacing between Fortran algorithms and the shell (which will be written in C).

MODIS SOFTWARE AND SCF PLANS: Final modifications are being made to the cover letters and draft versions of the MOD tware and Data Management Plan and the MODIS Science Computing Facilities Plan before distribution to the Science Team Members.

TION ITEMS:

24/92 [Lloyd Carpenter & Team] Develop a staffing plan for the accomplishment of the tasks shown on the schedule. (A draft version staffing plan has been developed and delivered.) STATUS: Open. Due Date: 06/12/92

12/92 [Tom Goff] Develop separate detailed schedules using Microsoft Project for Level-1A and -1B software design and developmer
odated results were included in the handout and presented at the meeting on July 24, 1992.) STATUS: Open. Due Date: 07/10/92

31/92 [Lloyd Carpenter] Call Ken Carder to tell him that we received his input to the SCF Plan and it's good. Ask him if we can use it
example to the other TMs of what we need from them. STATUS: Open. Due Date: 08/28/92

31/92 [Ed Masuoka] Find out, or decide, who should interface with Code 930 on SLIP. STATUS: Open. Due Date: 08/28/92

31/92 [Tom Goff] Develop the purpose and requirements for a packet simulator. Get more information on the packet simulator bei
veloped by SBRC. (See if it will meet our needs, and if/when it will be available to the SDST.) STATUS: Open. Due Date: 09/04/92